OMNETRIC
A Siemens Company

Myth Busting:

Taking action on Smart Grid Cybersecurity

MYTH 1:
"Cyber attacks aren't a real threat"

The number and range of attacks continues to grow every year.
Advice: Ensure your organisation and management know about the threats.

MYTH 2:
"We (Utilities) are not targets"

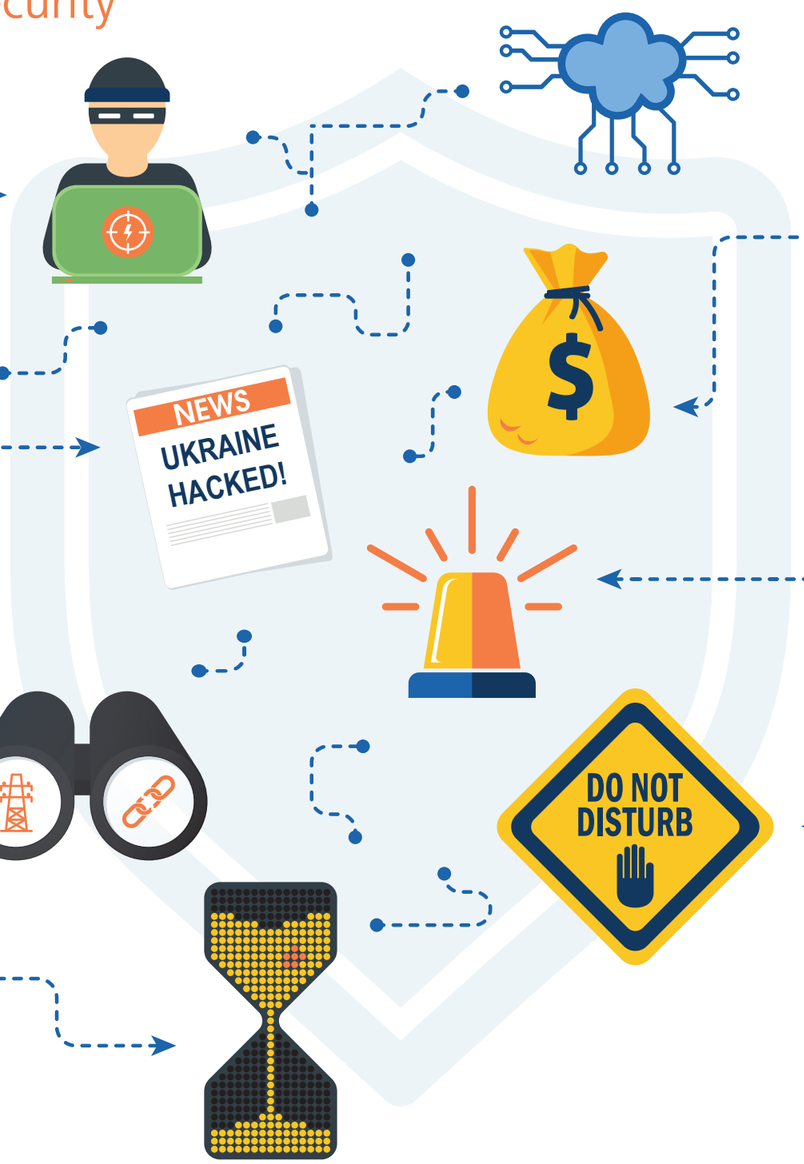
In 2015 thousands of consumers in the Ukraine lost power due to a cyber-attack on the energy network.
Advice: Talk to your peers and try to share intelligence of energy grid incidents.

MYTH 3:
"We are not vulnerable"

An attacker will find the weakest point in your defence wherever it is.
Advice: Many of the defences we have used in the past won't protect the Smart Grid.

MYTH 4:
"We would know if we were breached"

It can take months to discover a breach assuming you can detect it at all.
Advice: Assume you have been breached and look for the intruders.



MYTH 5:
"There is no money to be made in attacking the grid"

Increasingly criminals are using ransom-ware to drive profits from critical infrastructure.
Advice: Understand the specific threats and the impact they could have on your operations.

MYTH 6:
"We have a crisis management plan"

Great. Does it include recognising and responding to a cyber incident?
Advice: Preparation is key – develop a plan to meet different types of attack.

MYTH 7:
"It's our vendors' problem"

The ultimate risk lies with the energy operator. Standard contracts rarely address the needs of critical infrastructure.
Advice: Work with your key suppliers before you have a security incident.

For more information
on OMNETRIC solutions
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